Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

**3.5 More Triangle Proofs!**



***What’s the plan?***



***What’s the plan?***





***What’s the plan?***





**WORK TOGETHER to complete the following**.

In #5-10, complete the following:

1. Are the triangles congruent? If yes, move to #2. If no, move to #5.
2. State the postulate you would use to prove each pair of triangles congruent.
3. Based on the postulate you chose in #2, defend each “piece” of the postulate. For example, if you chose SSS, be explicit about how you know each set of sides are congruent.
4. Write a congruence statement that shows the two triangles are congruent.
5. Do you think there is a trap that the problem wants you to fall for? For example, is the problem trying to get you to fall for a “fake” postulate (SSA, AAA)?



